

Figure I-1 New Jersey Geography

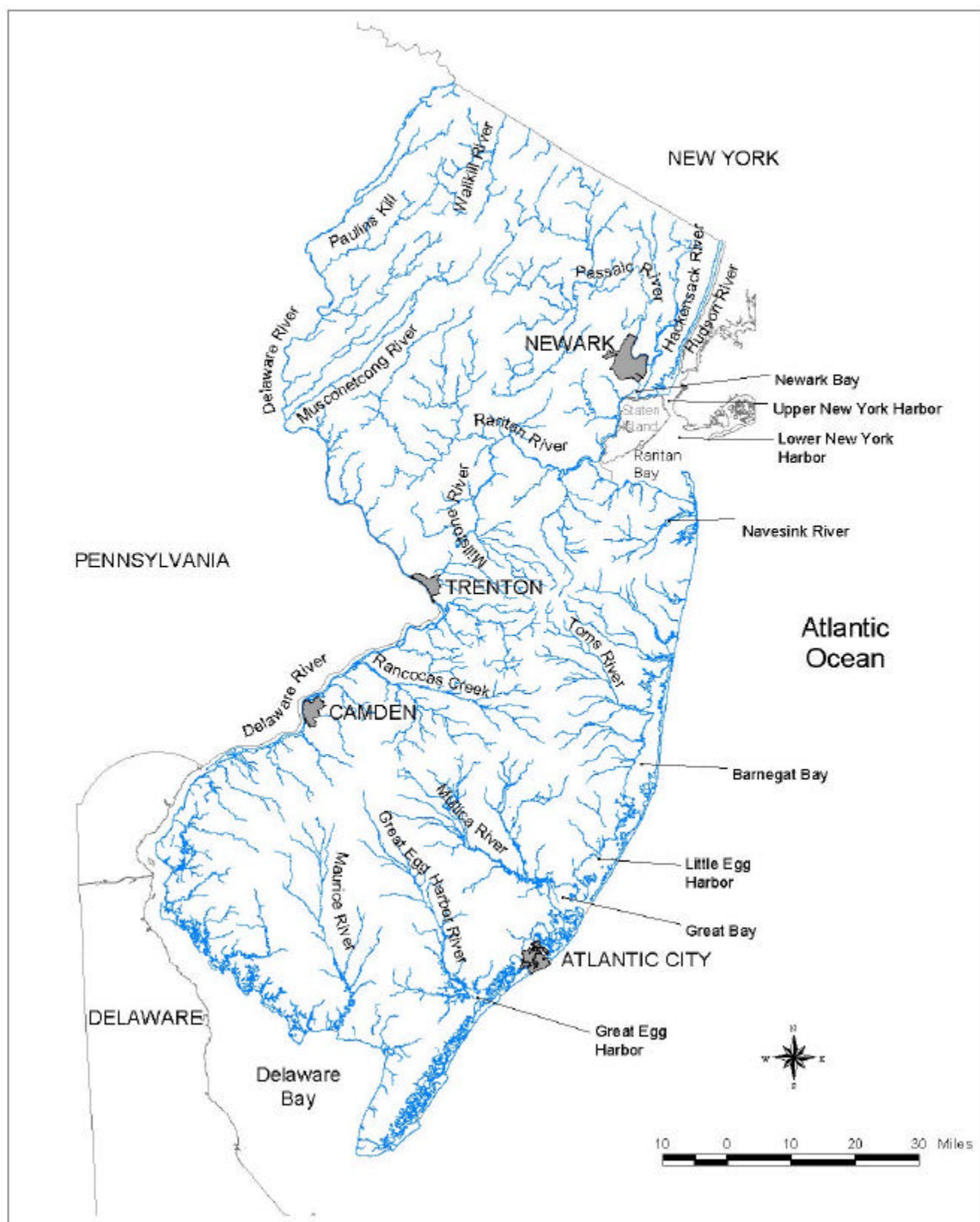


Figure All-1 New Jersey Watershed Regions and Management Areas

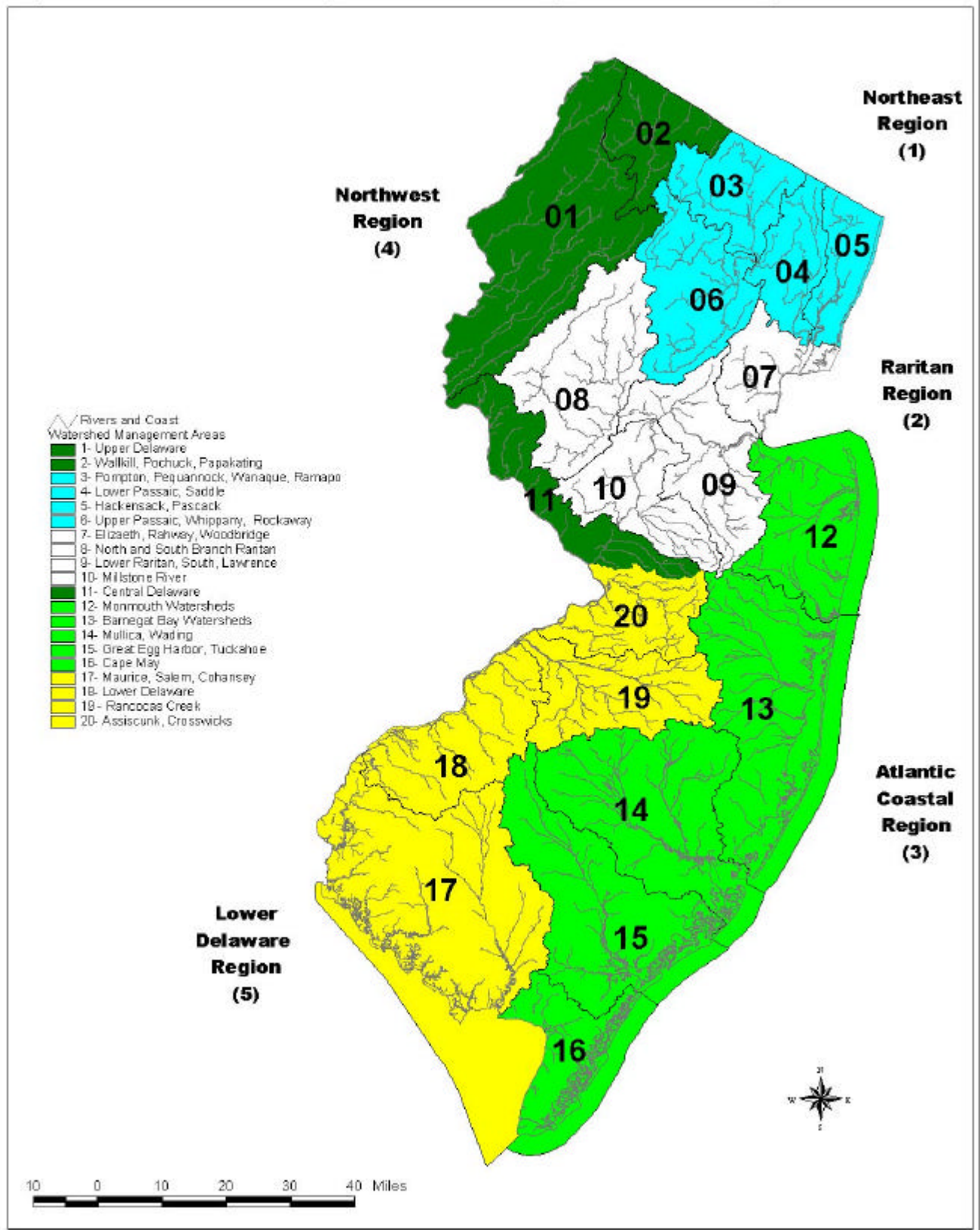


Figure II-2 New Jersey Watersheds (HUC 11)

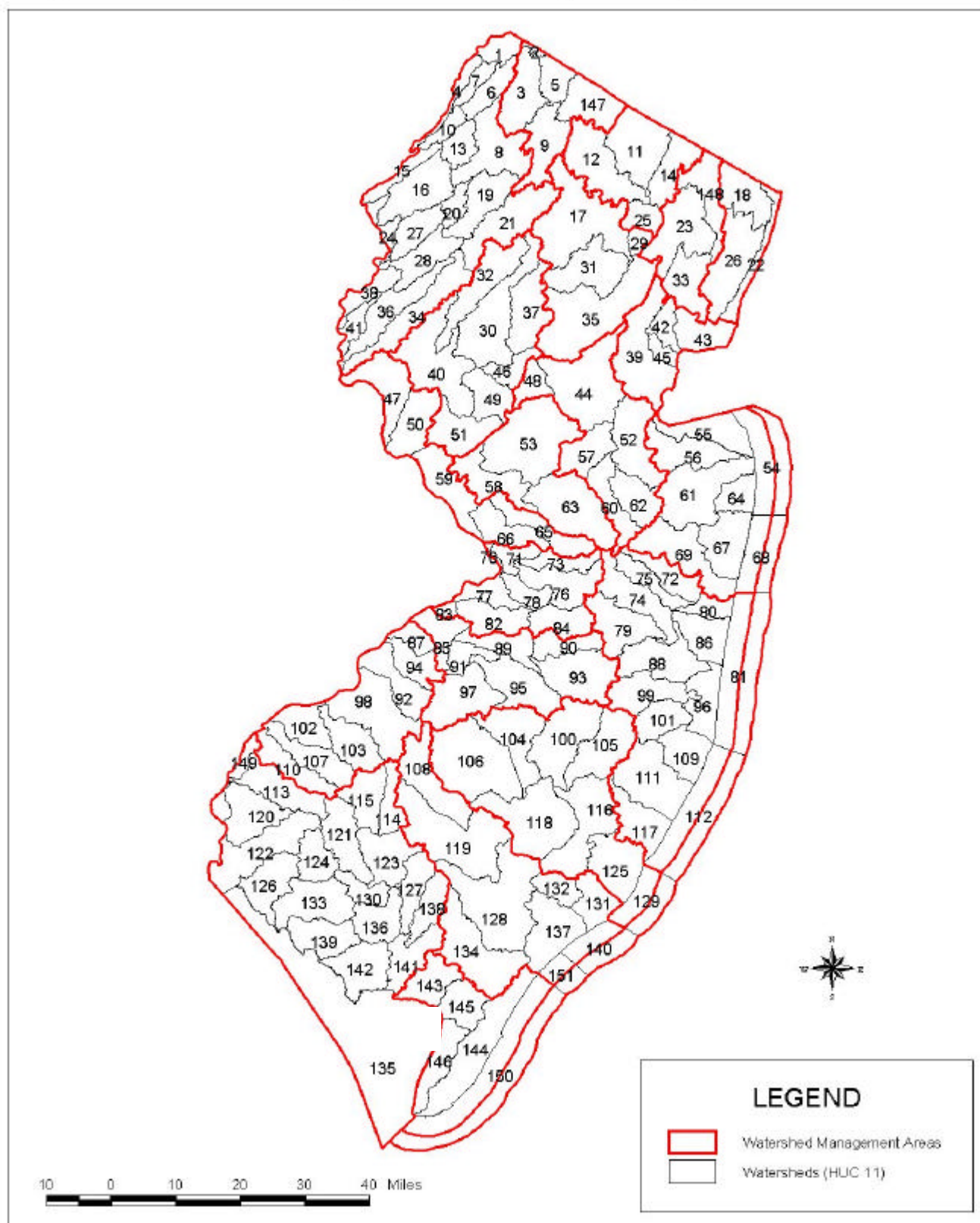


Figure A3.1.2-1 Ambient Surface Water Monitoring Network in New Jersey

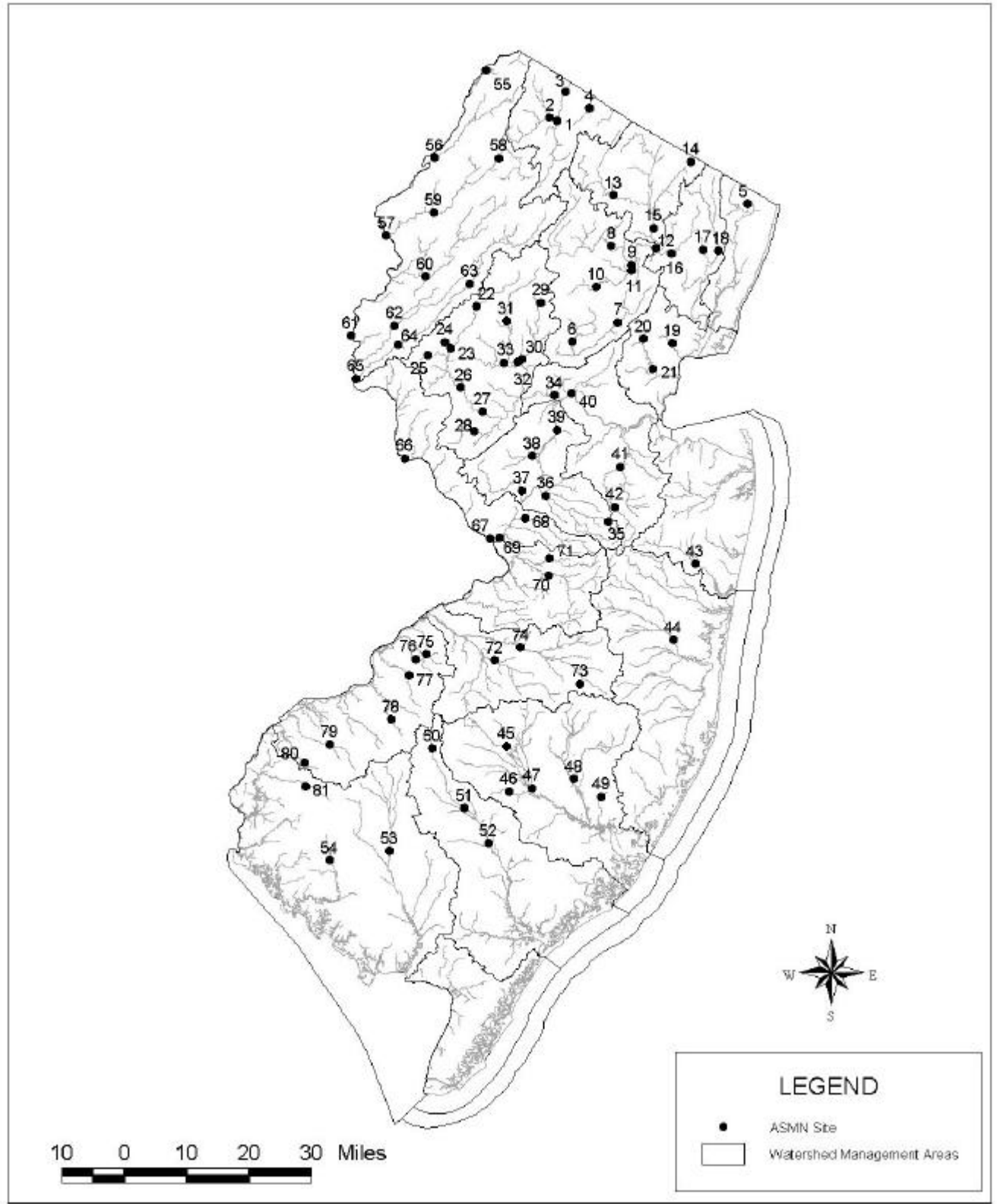
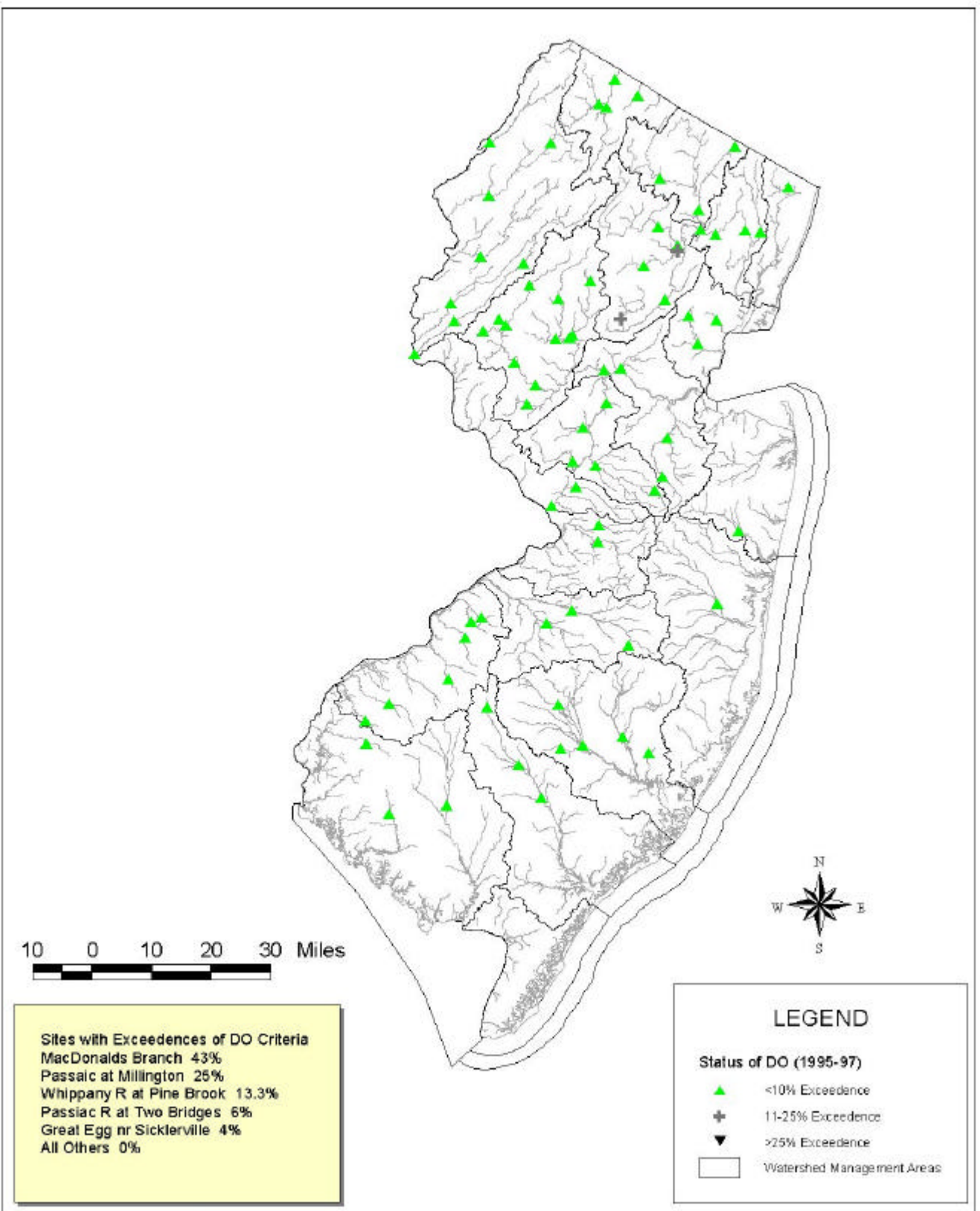


Figure A3.1.3-1 Dissolved Oxygen Water Quality Assessment



Figures A3.1.3-2 Total Phosphorus Water Quality Assessment

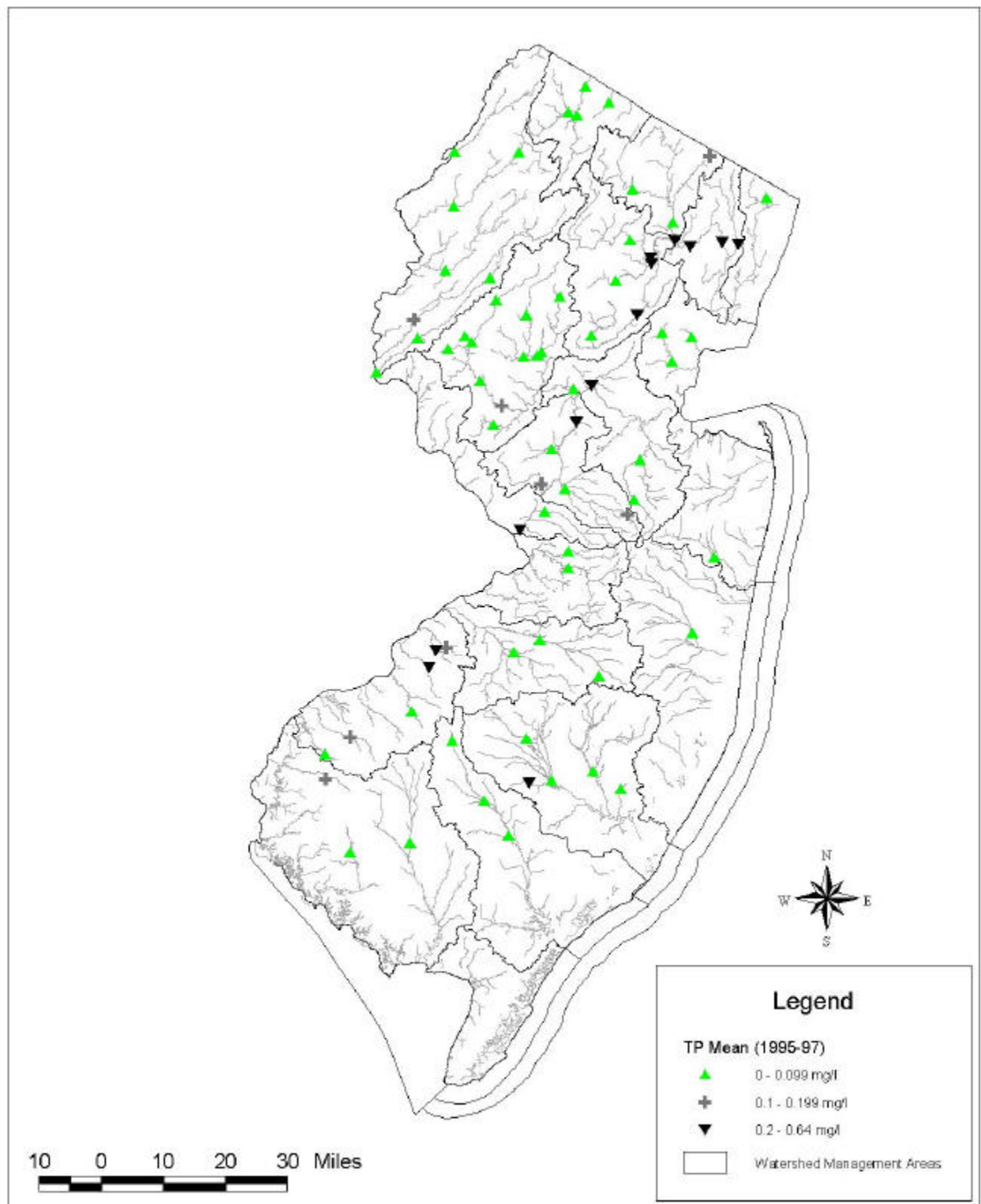


Figure A3.1.4-1 Total Phosphorus in Bottom Sediments

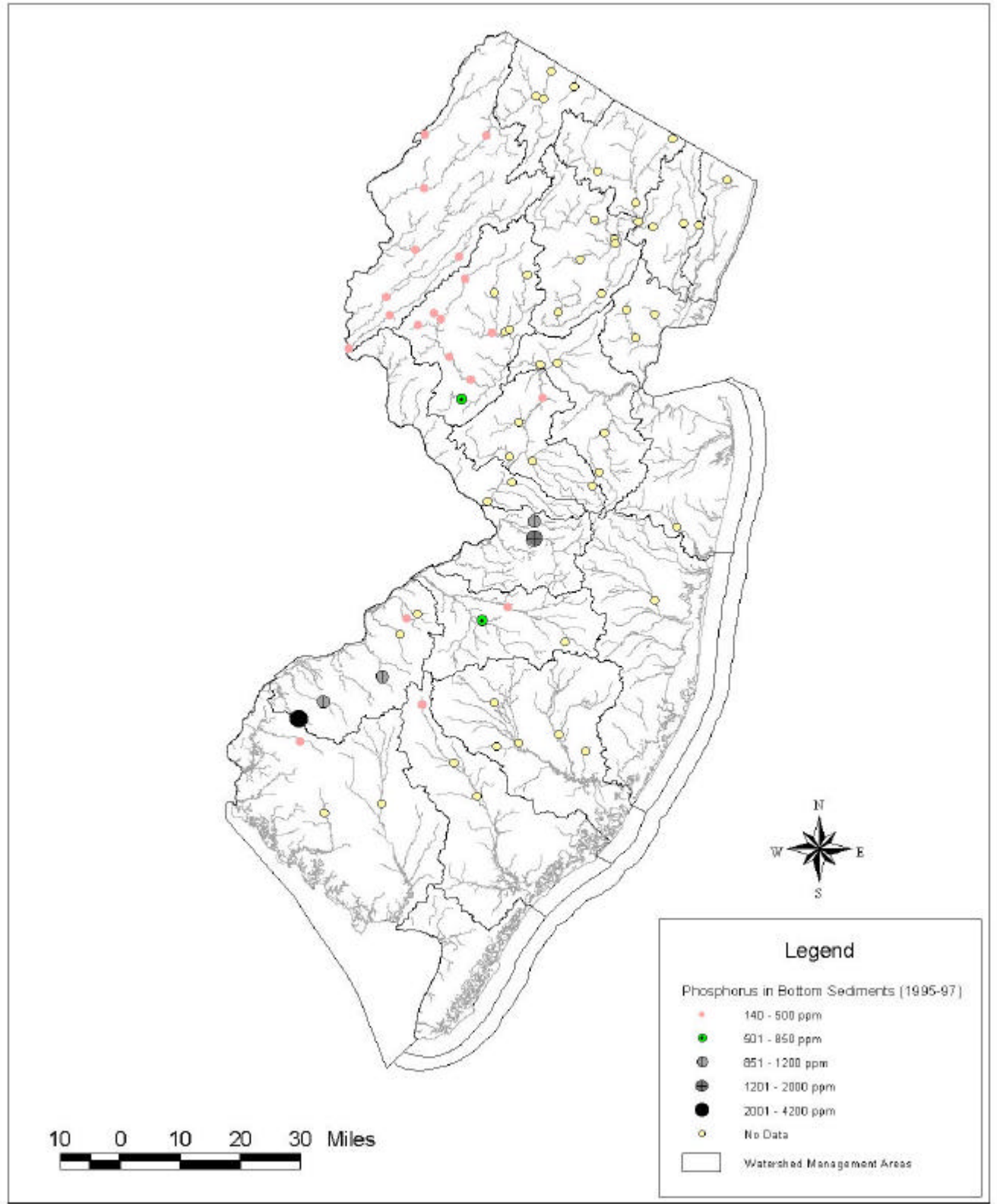
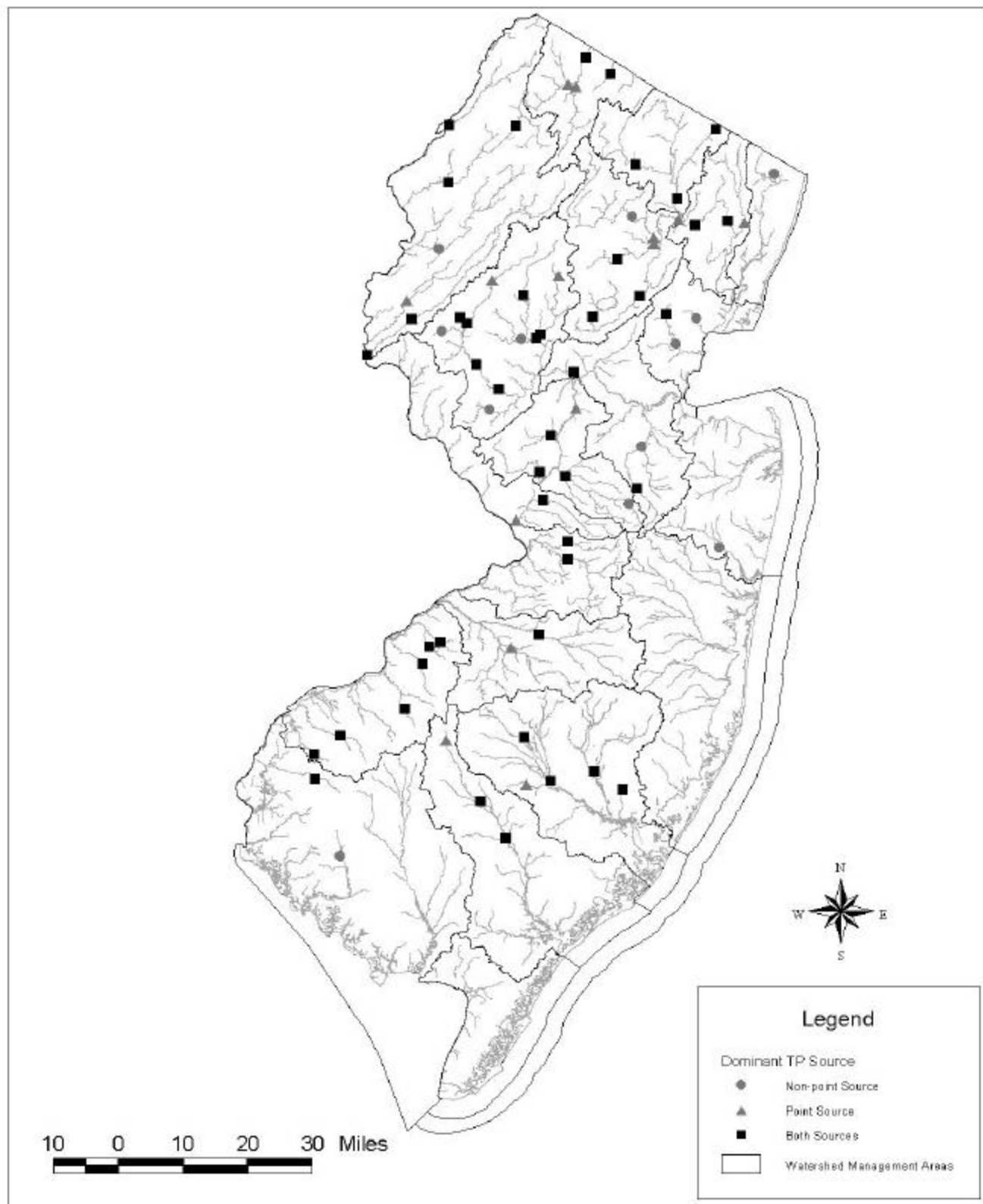
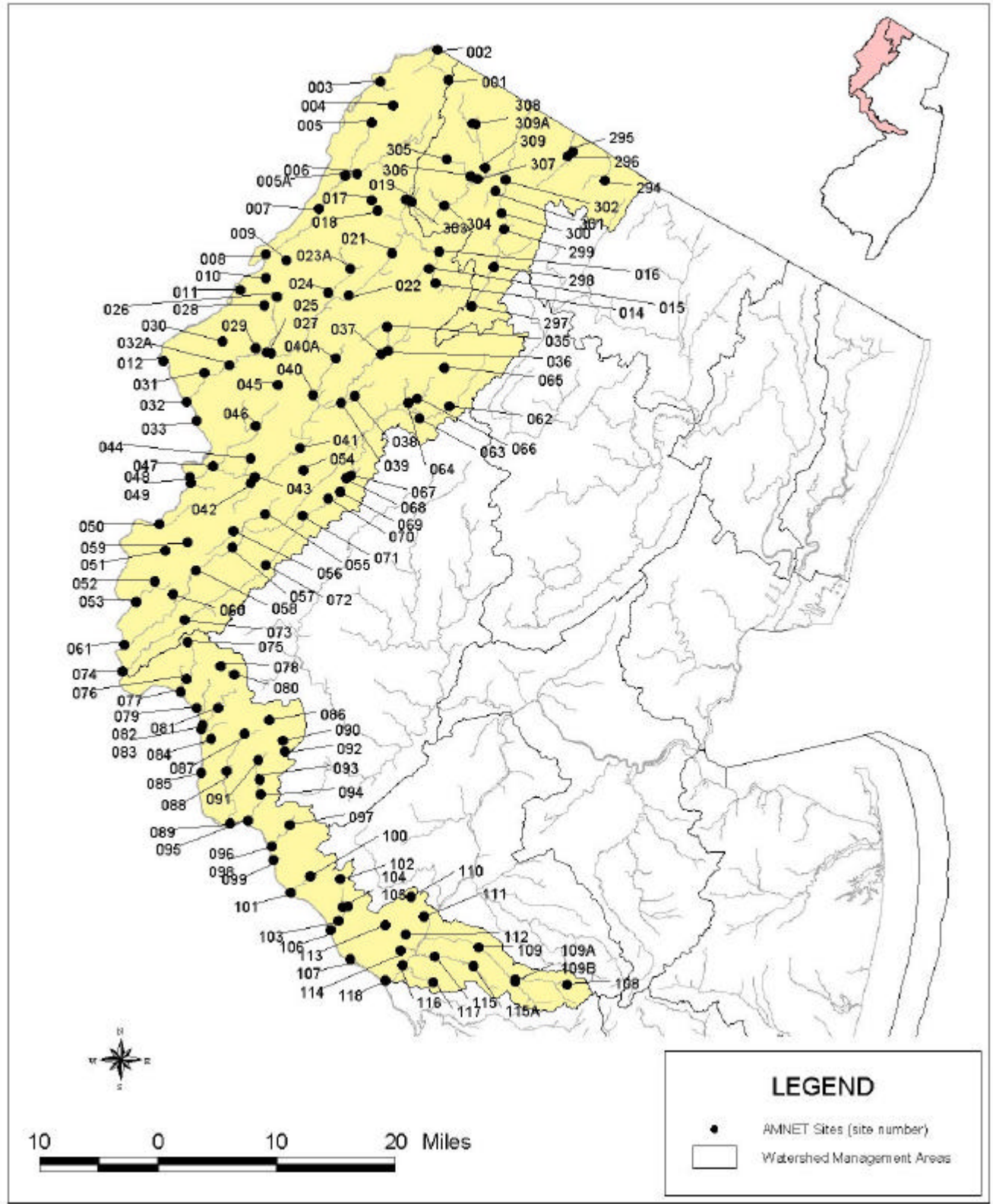


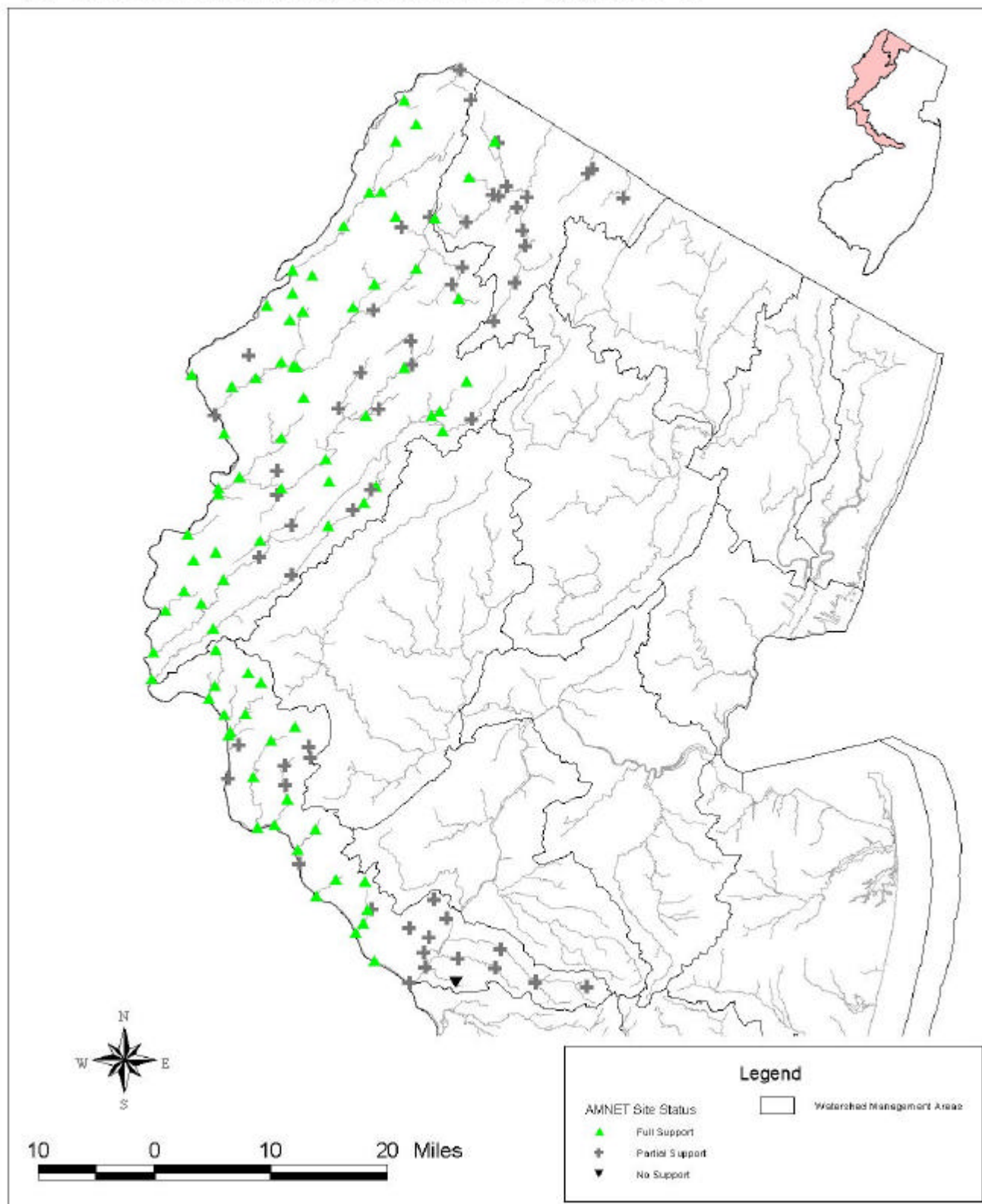
Figure A3.1.4-2 Point Source and Nonpoint Source Contributions of Total Phosphorus



**Figure A3.2.1-1 Ambient Biomonitoring Network
in Watershed Management Areas 1, 2, and 11**



**Figure A3.2.2-2 Aquatic Life Support Assessment
in Watershed Management Areas 1, 2, and 11**



**Figure A3.3.2-1 Fecal Coliform Assessment (Recreational Use)
in Rivers and Streams**

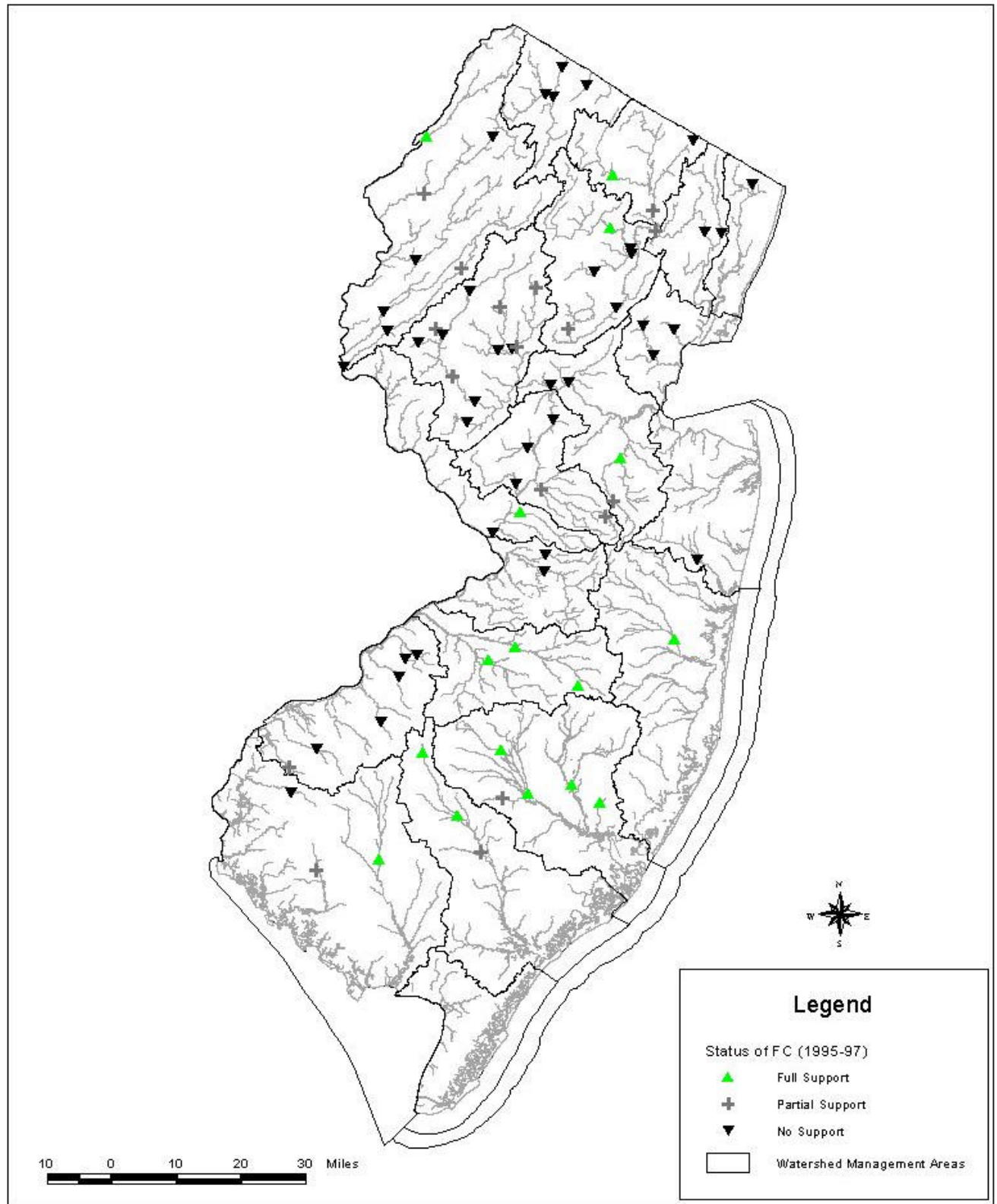


Figure A3.3.3-1 Surface Water Chemical Monitoring Network Locations Near Combined Sewer Overflow Outfalls in New Jersey

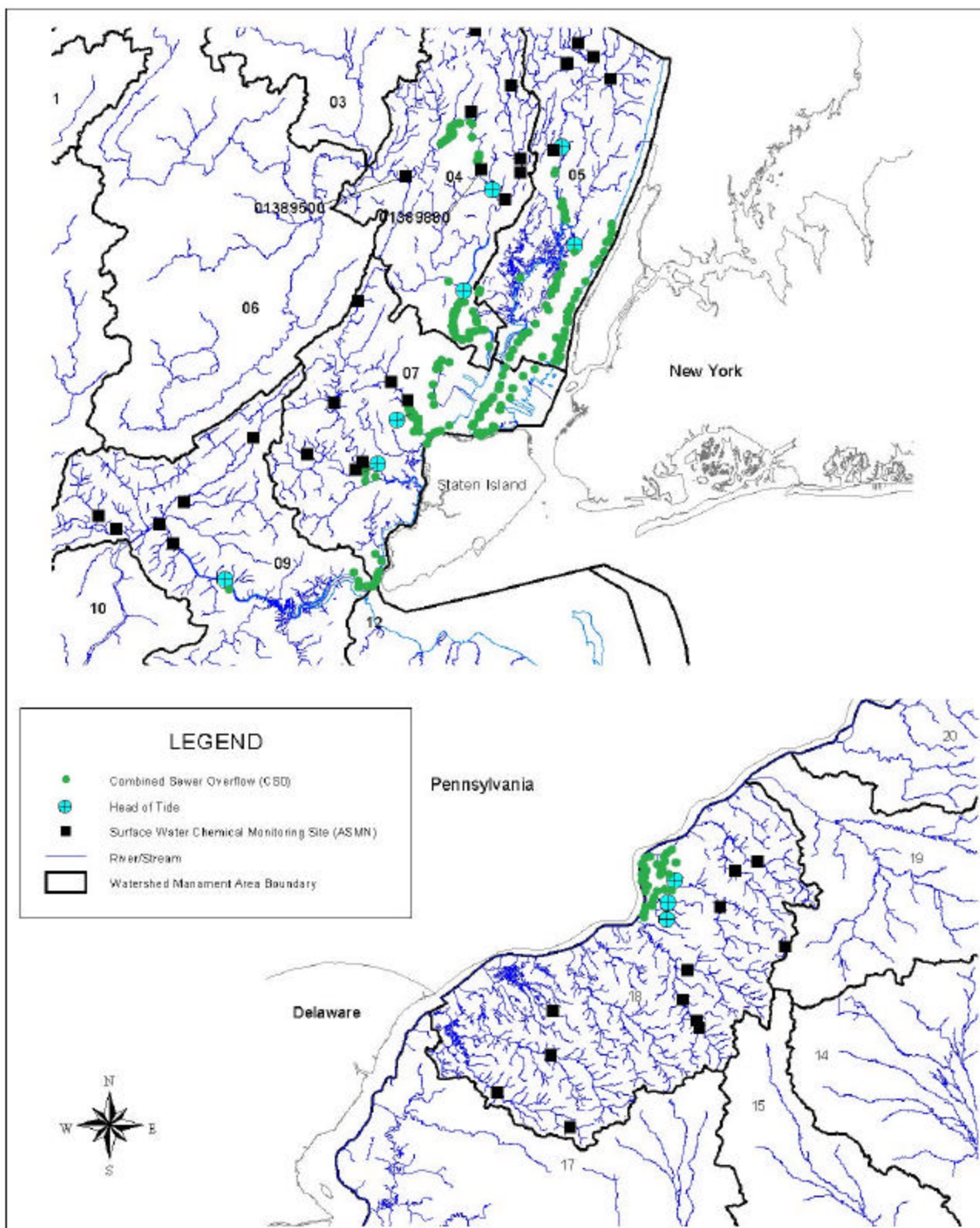
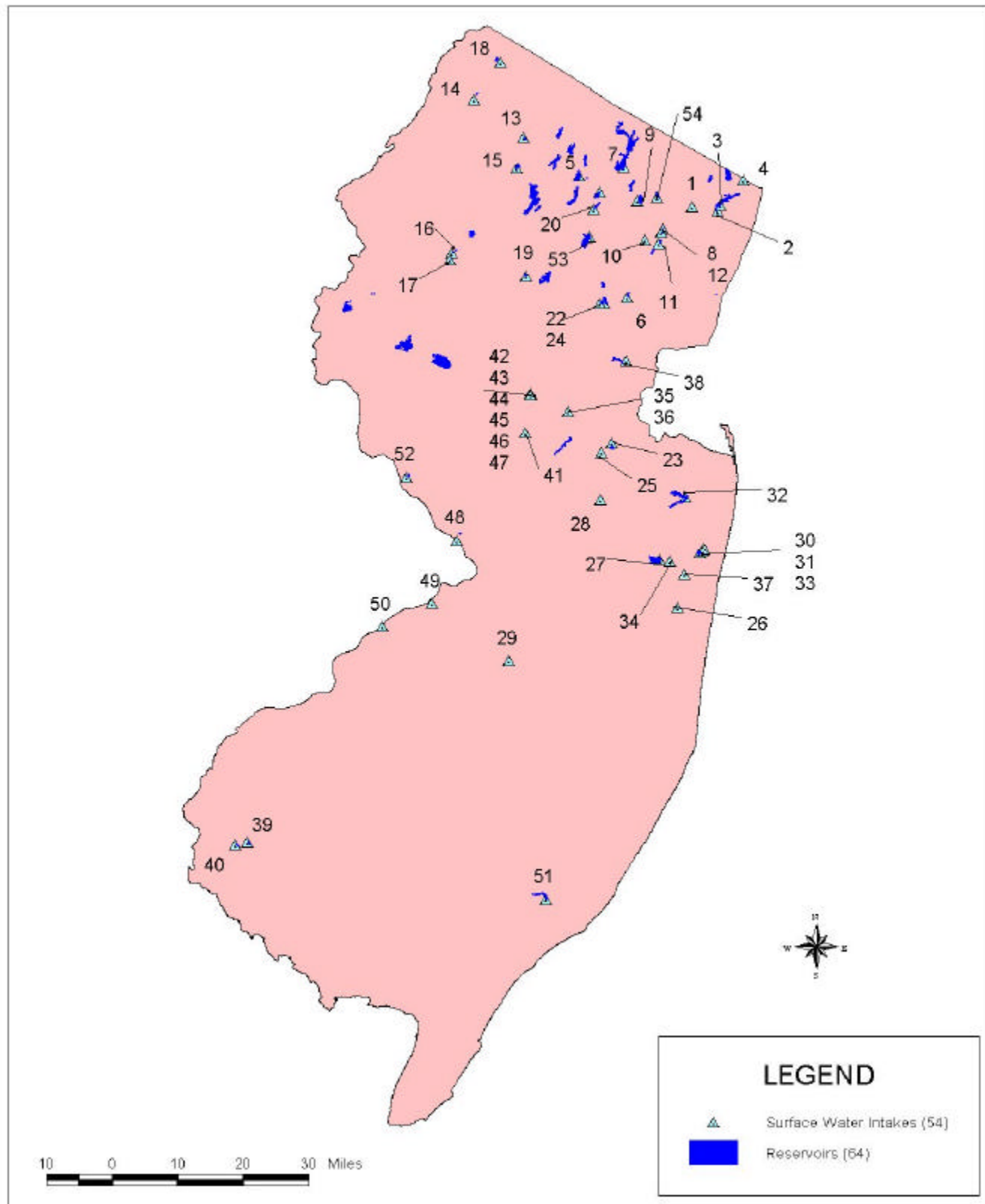


Figure A3.4-1 Potable Surface Water Supply Intakes and Reservoirs in New Jersey



**Figure A3.4.2-1 Average Nitrate Concentrations at
ASMN Locations in New Jersey**

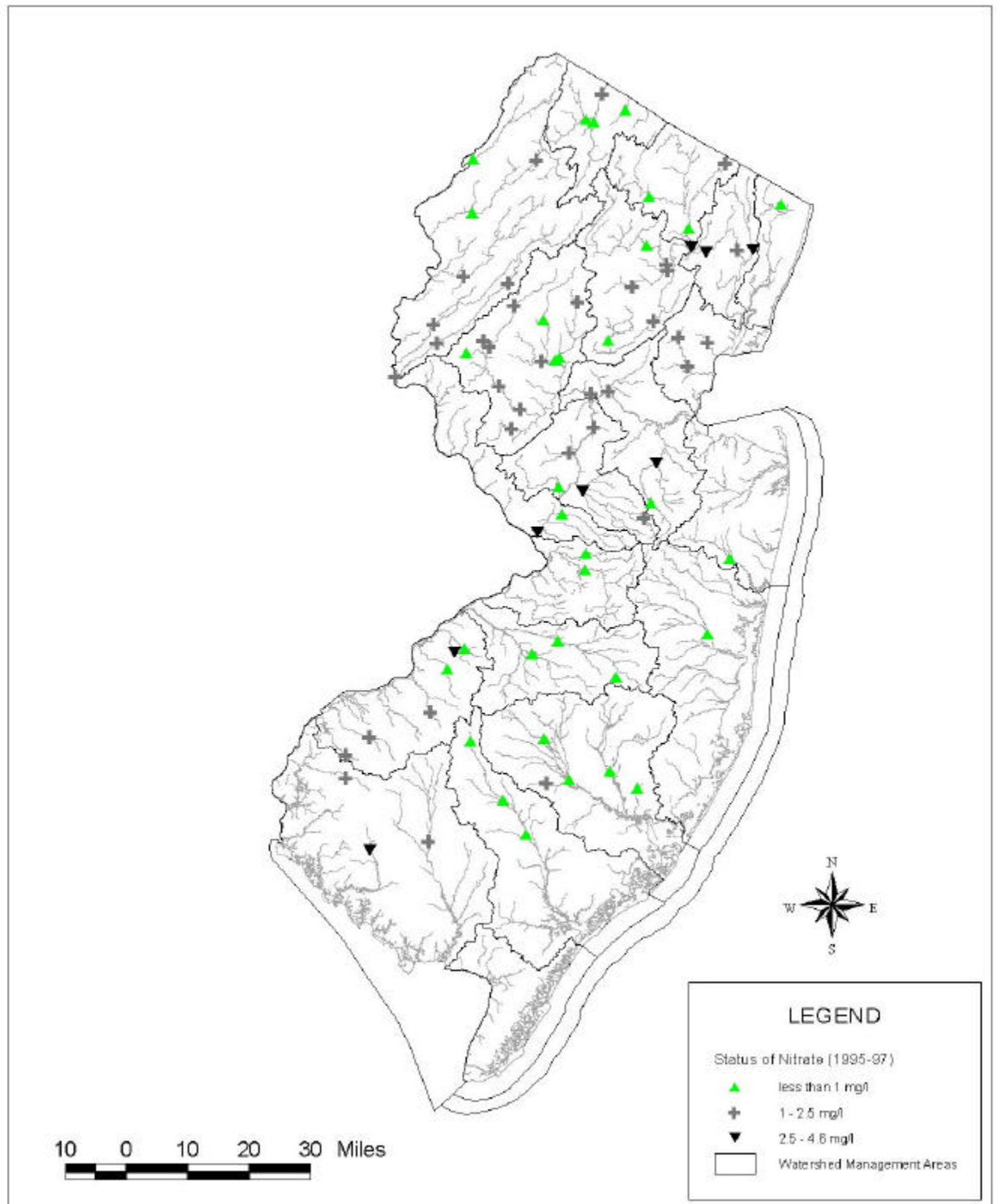
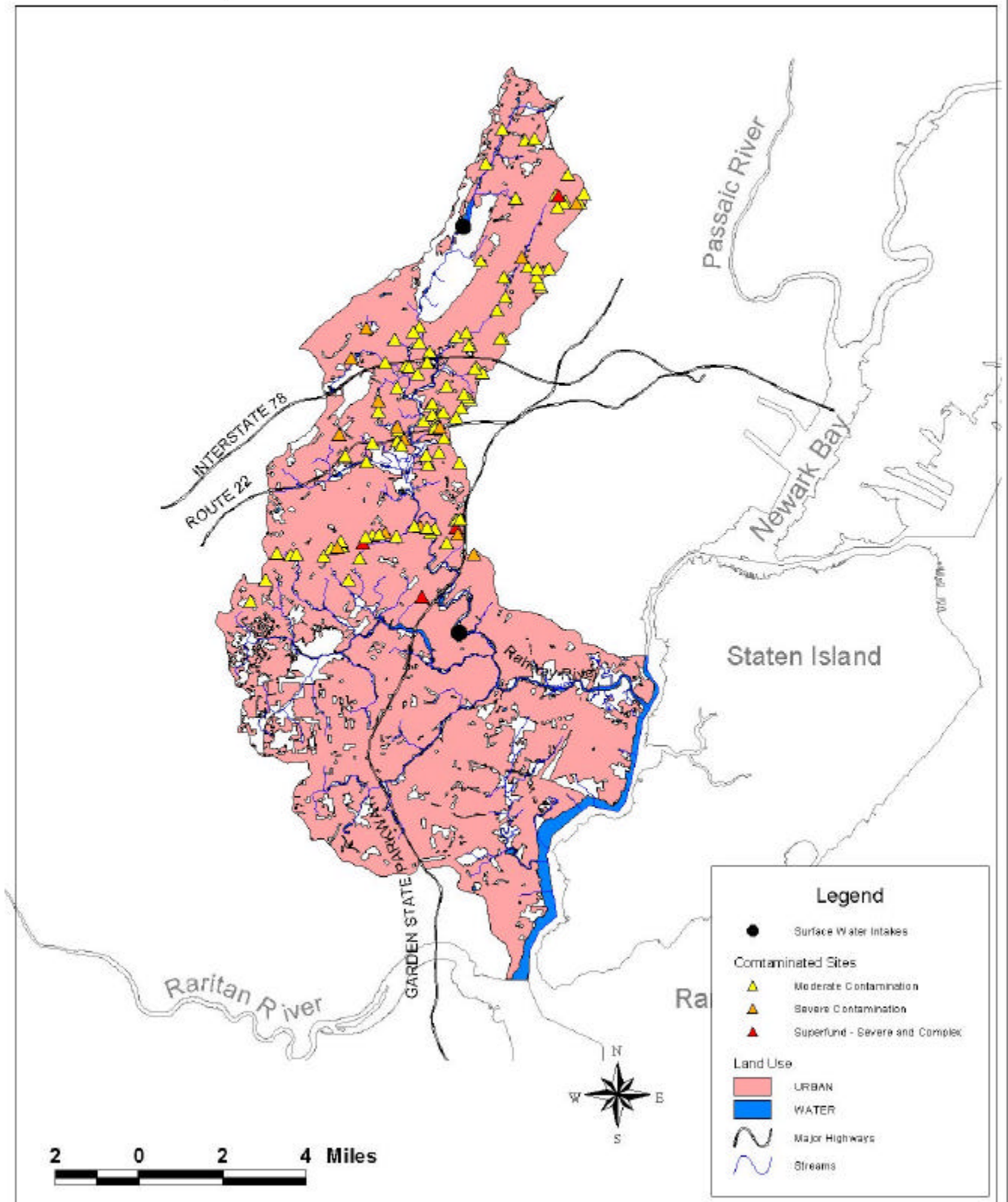


Figure A3.4.6-1 Drinking Water Intake and Pollution Sources in the Rahway Watershed



**Figure A3.6.2-1 Industrial Water Supply Designated
Use Assessment**

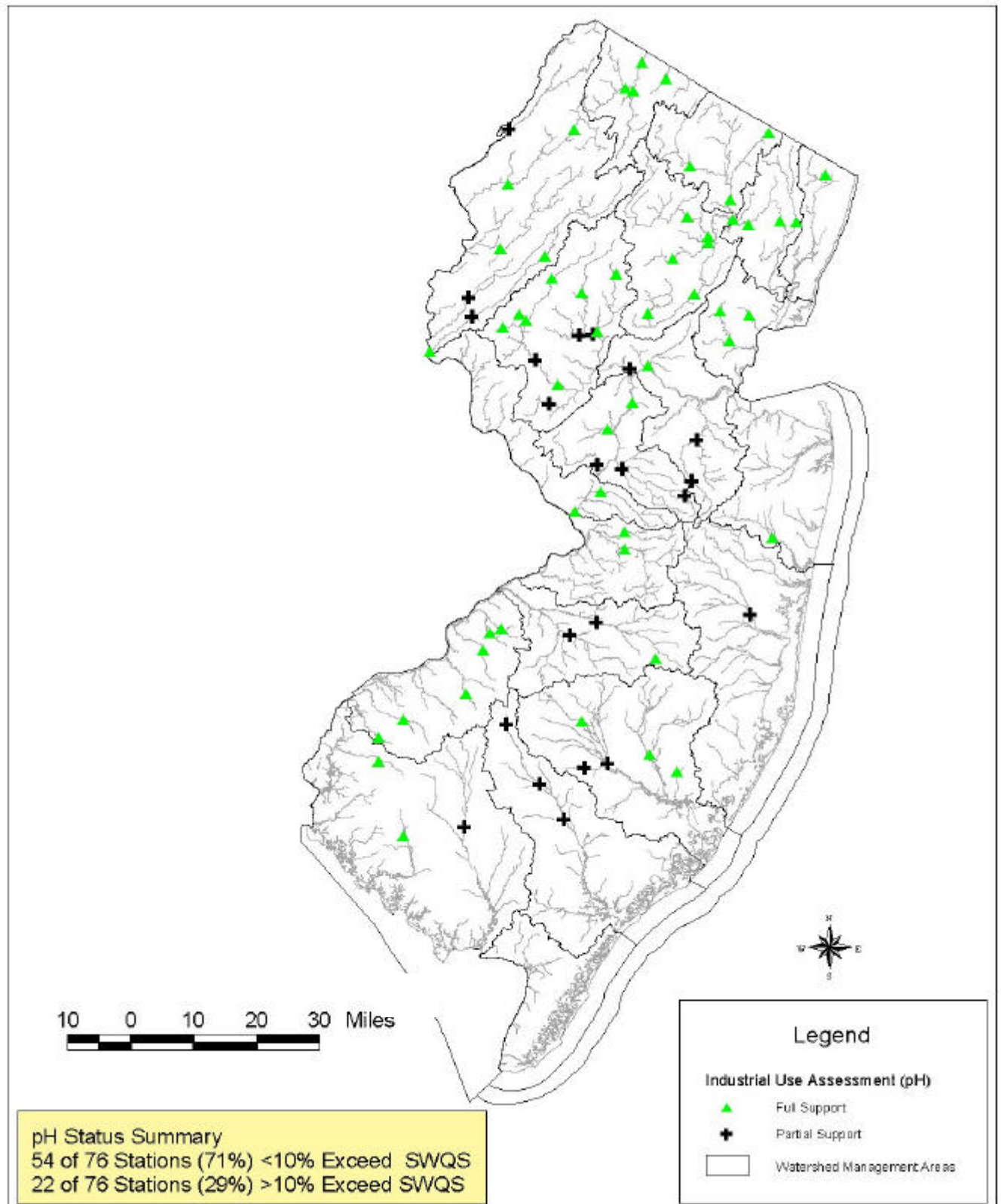


Figure A4.2.2-1 Recreational Lake Beach Water Quality
in 1999 (Partial List)

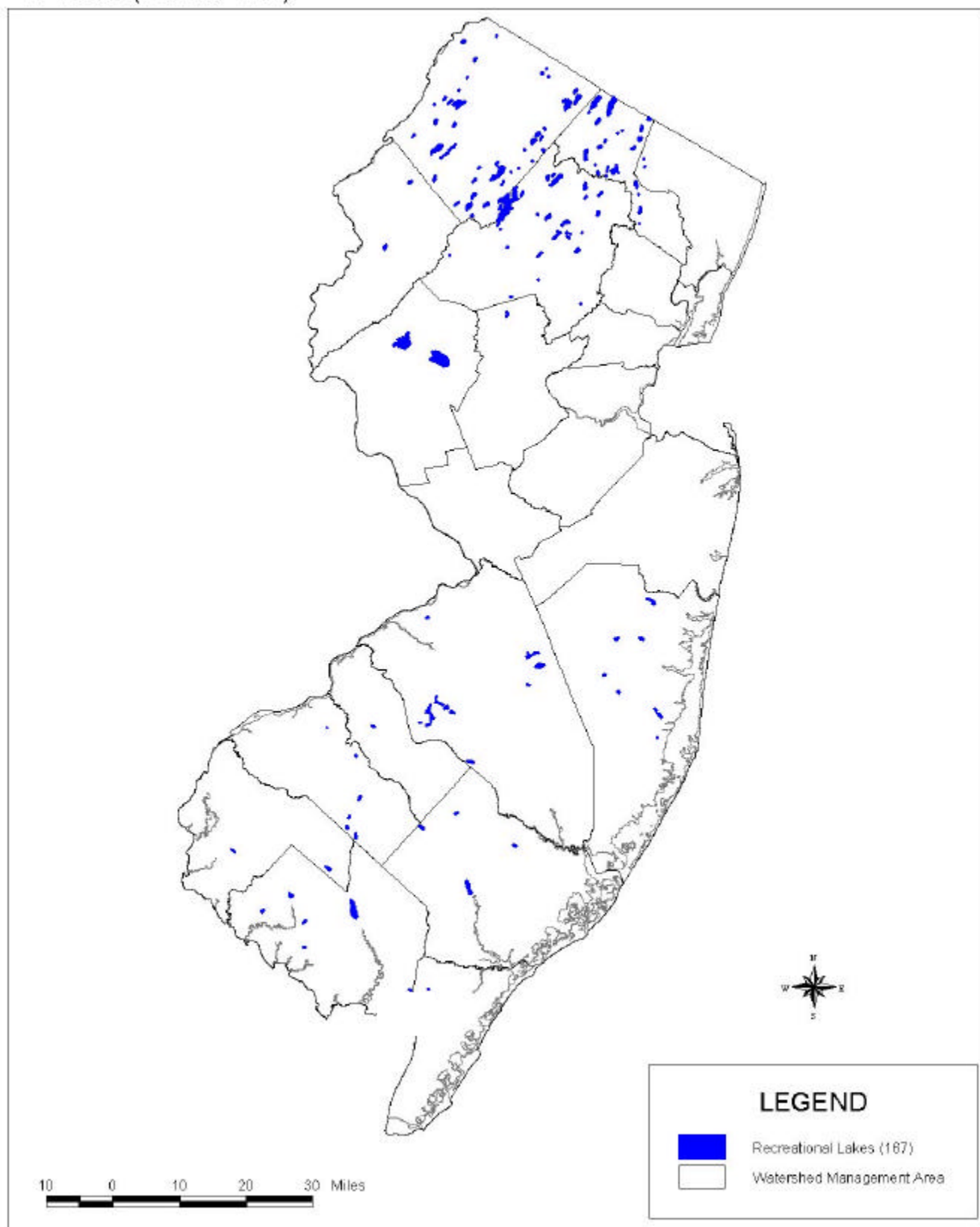


Figure A5.1-1 Estuary and Coastal Area of Assessment for Aquatic Life

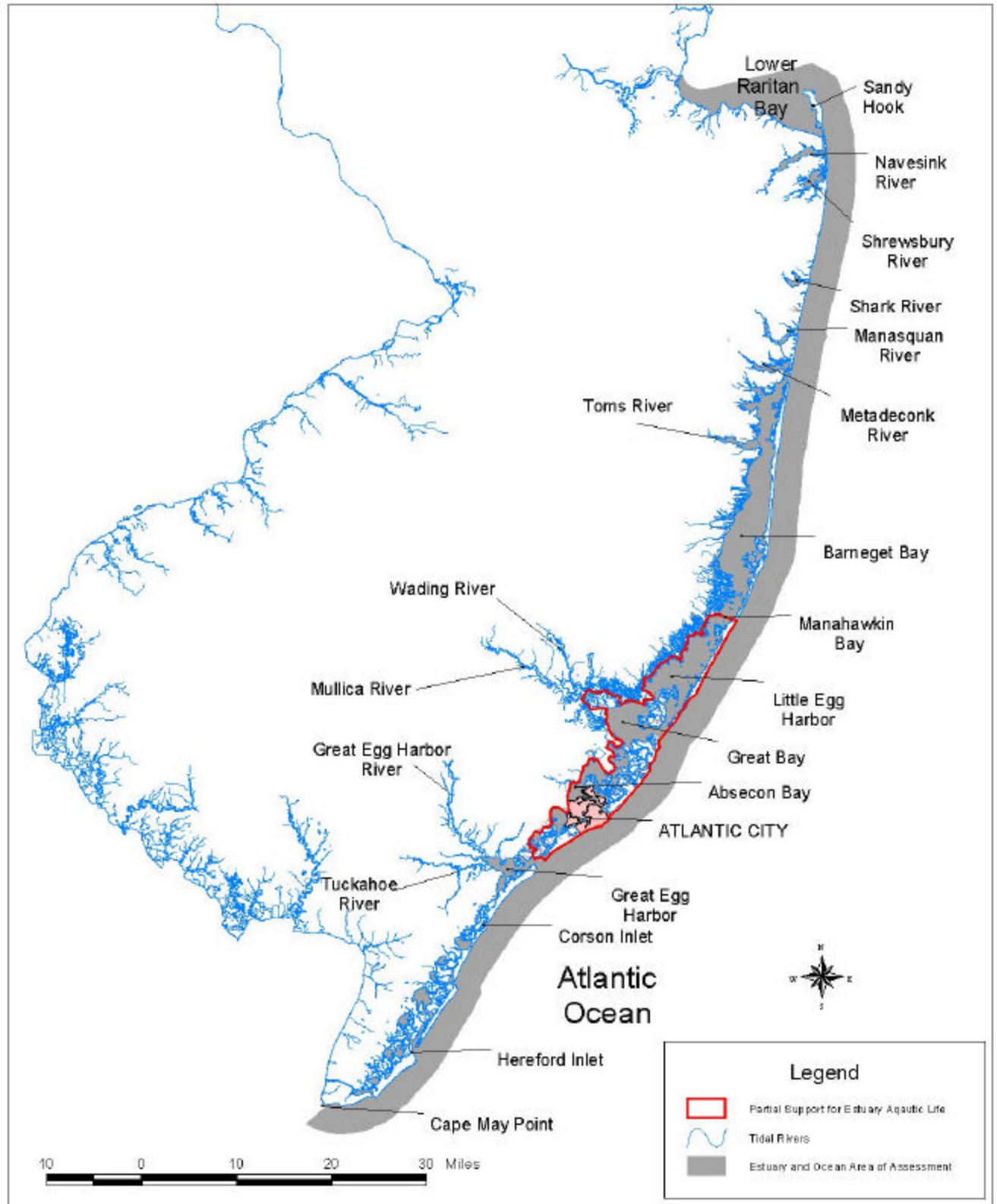


Figure A5.1.1-1 Estuary Monitoring Network in New Jersey

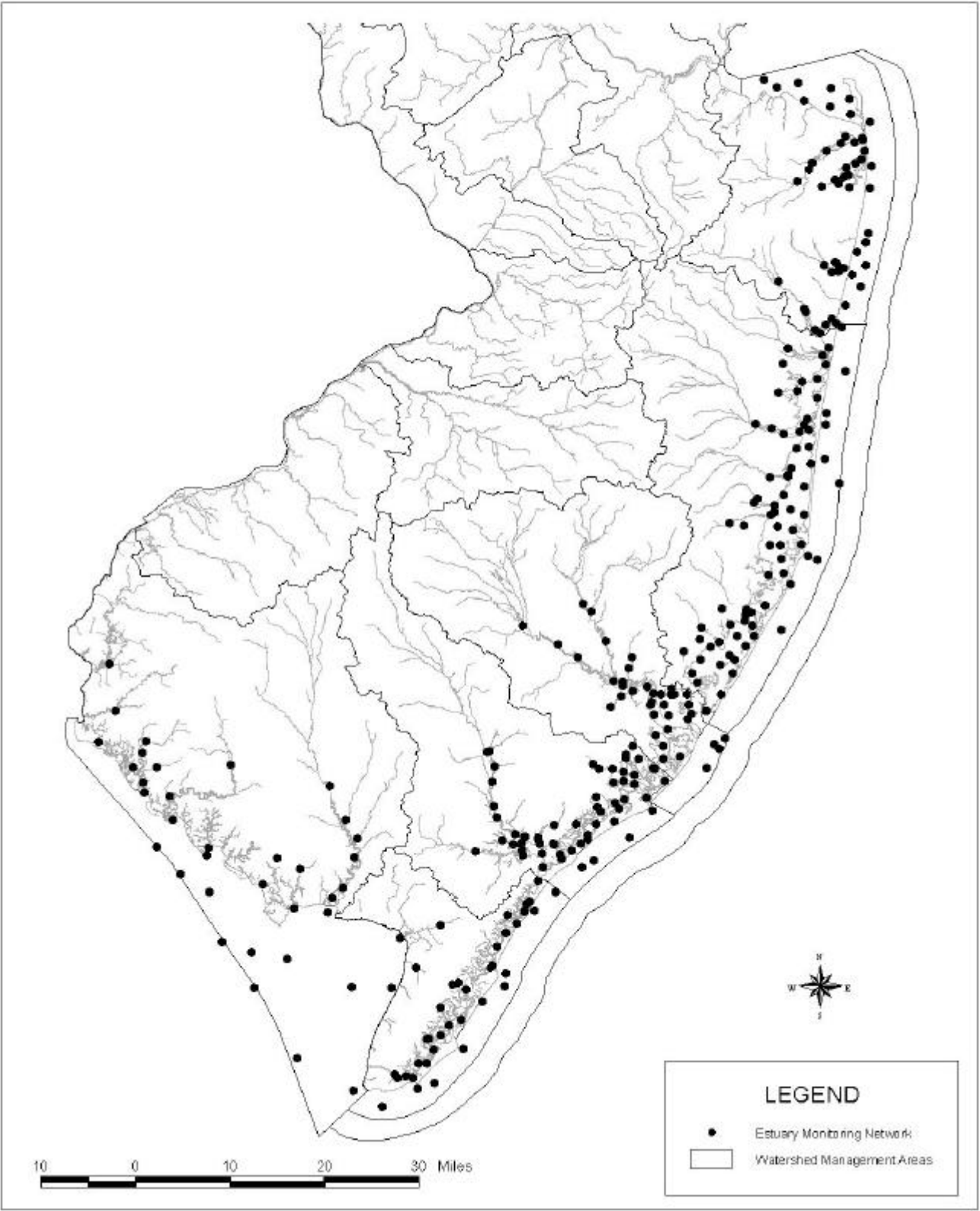


Figure A5.2.2-1 Estuary and Coastal Area of Assessment for Recreational Use

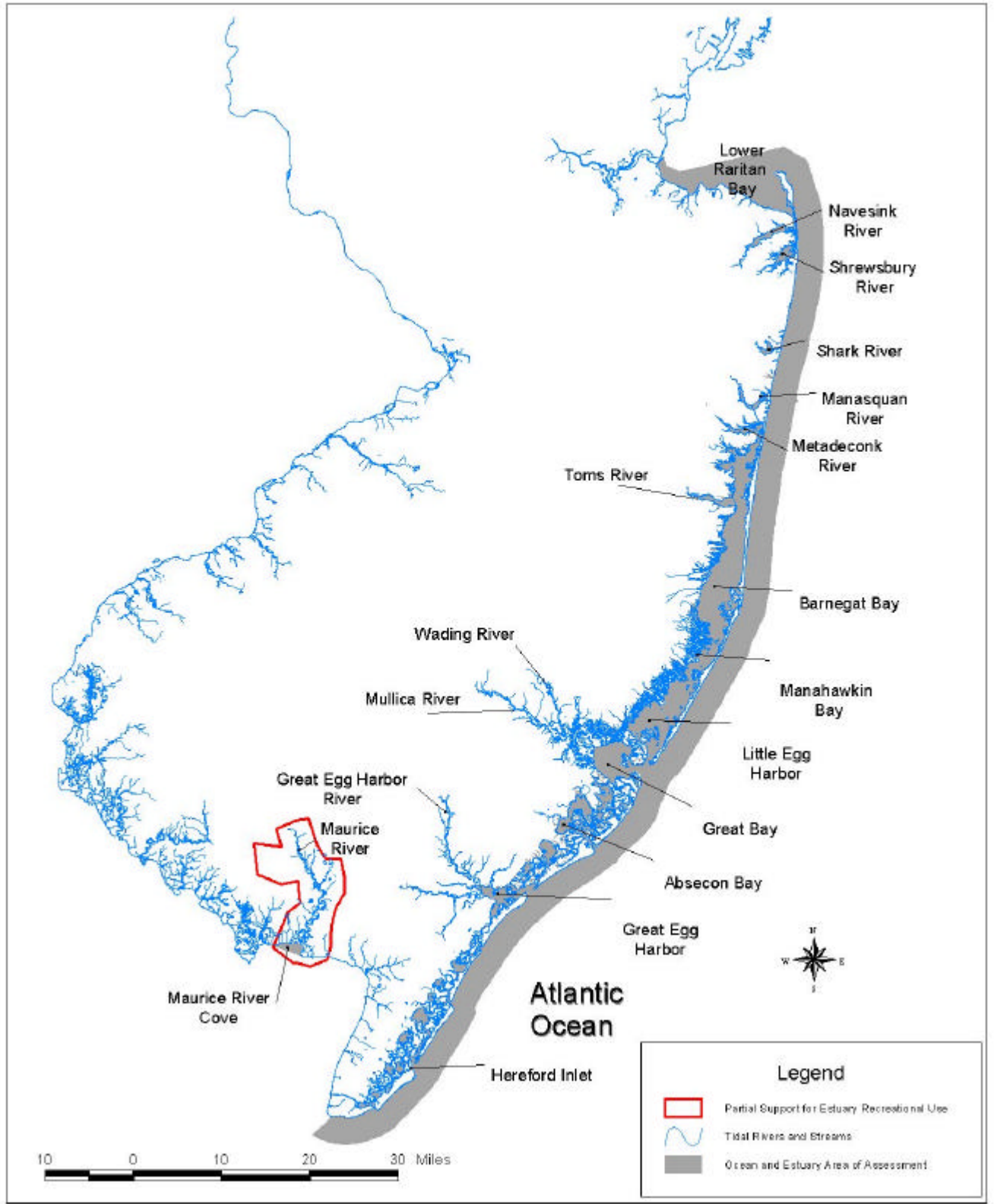


Figure A5.2.3-1 Stormwater Outfalls in Asbury Park Area, New Jersey

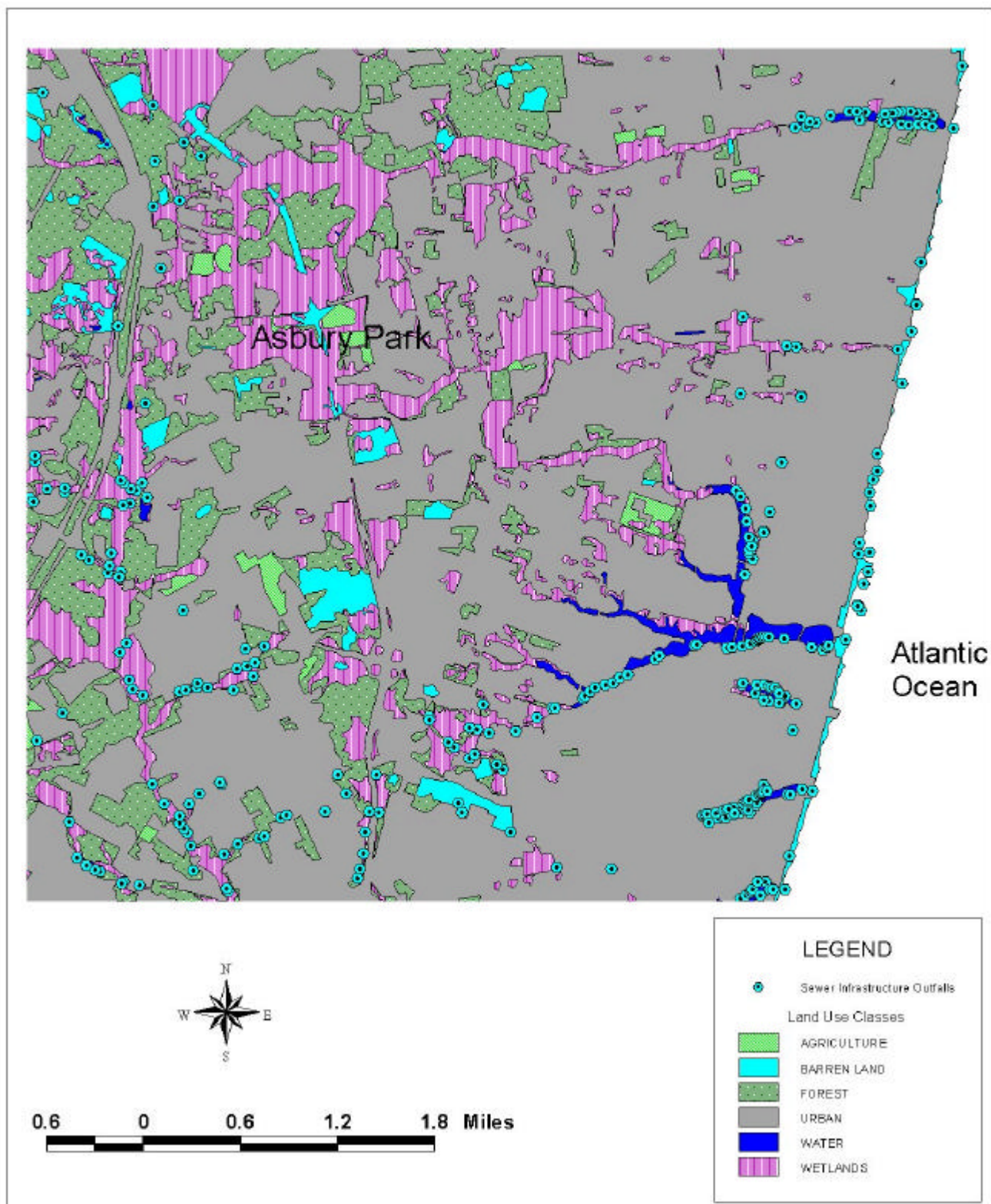


Figure A5.2.3-2 Sewer Service Areas and Municipal Effluent Discharges to Ocean Waters

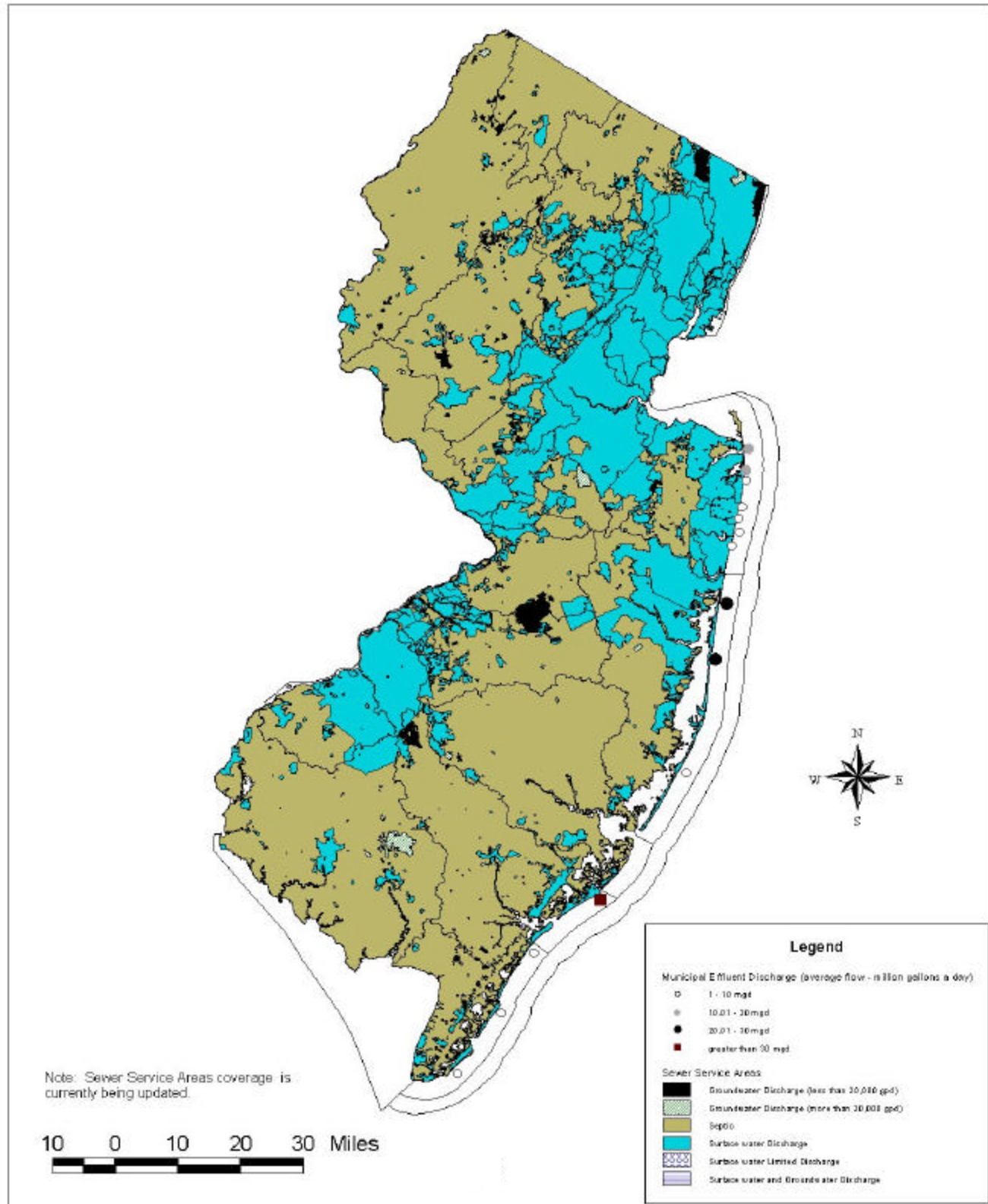


Figure 6.1 Tidal and Freshwater Wetlands in New Jersey

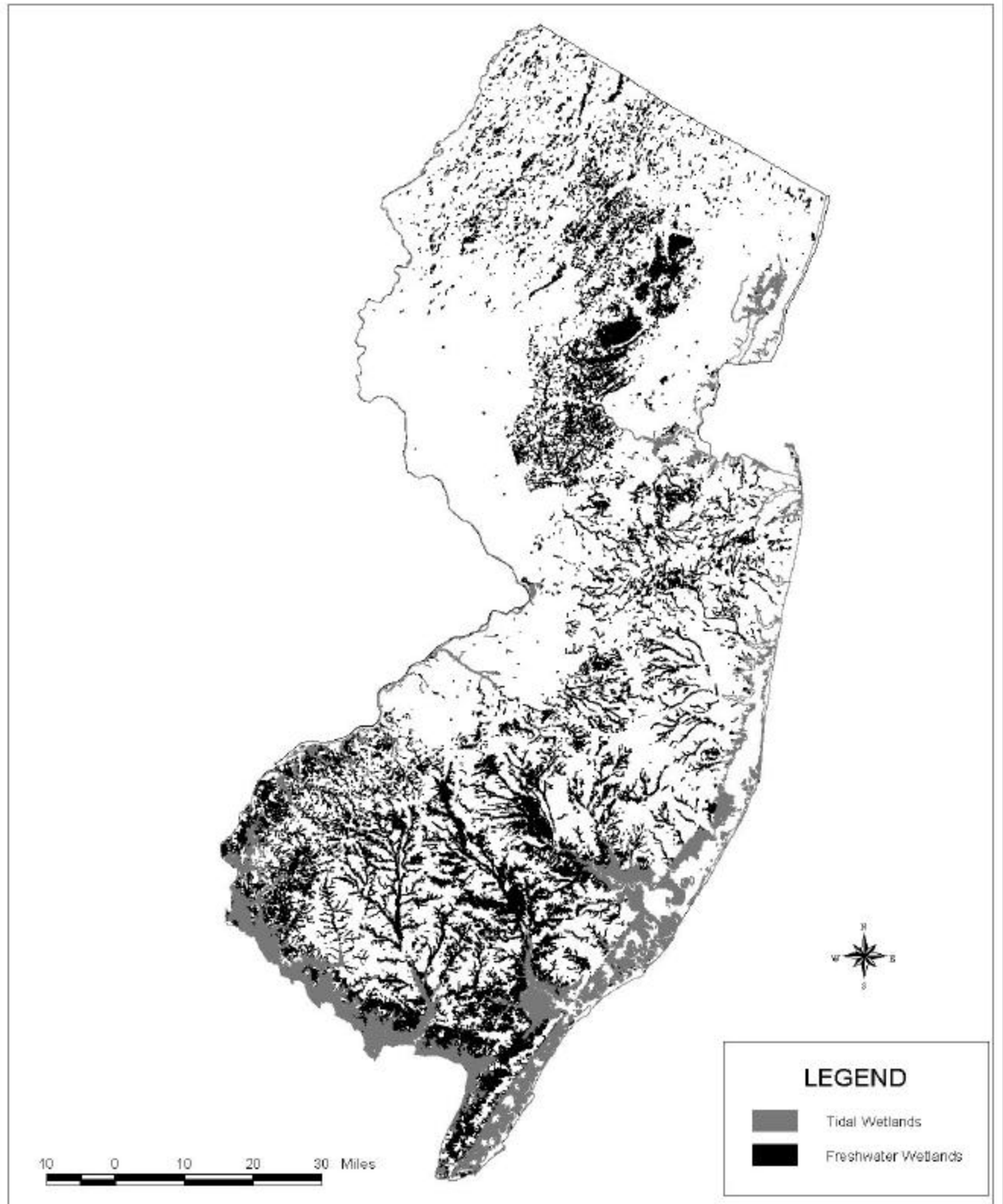


Figure 7.2.1-1 Shellfish Consumption Assessment

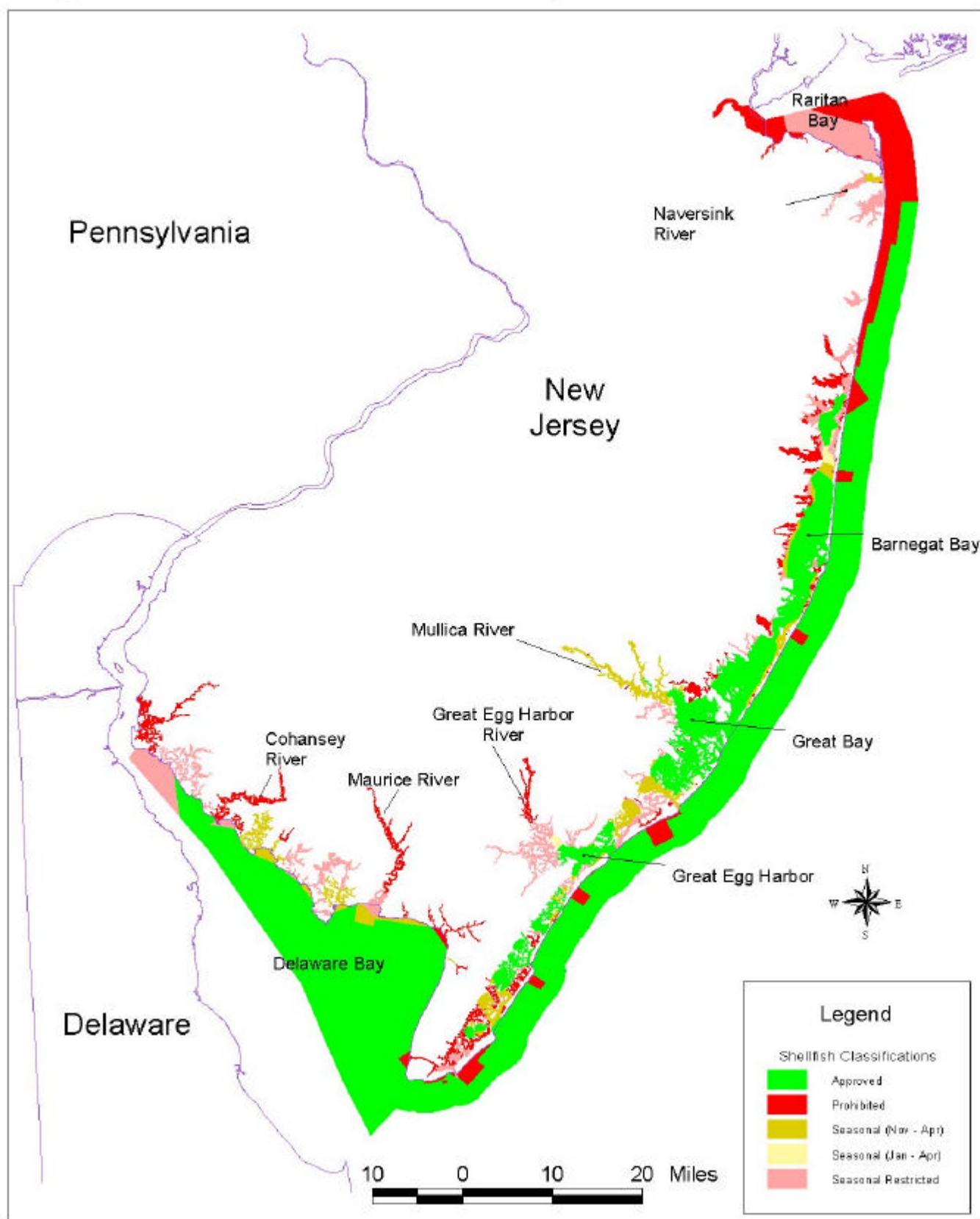


Figure IV-2.4-1 Physiographic Provinces of New Jersey

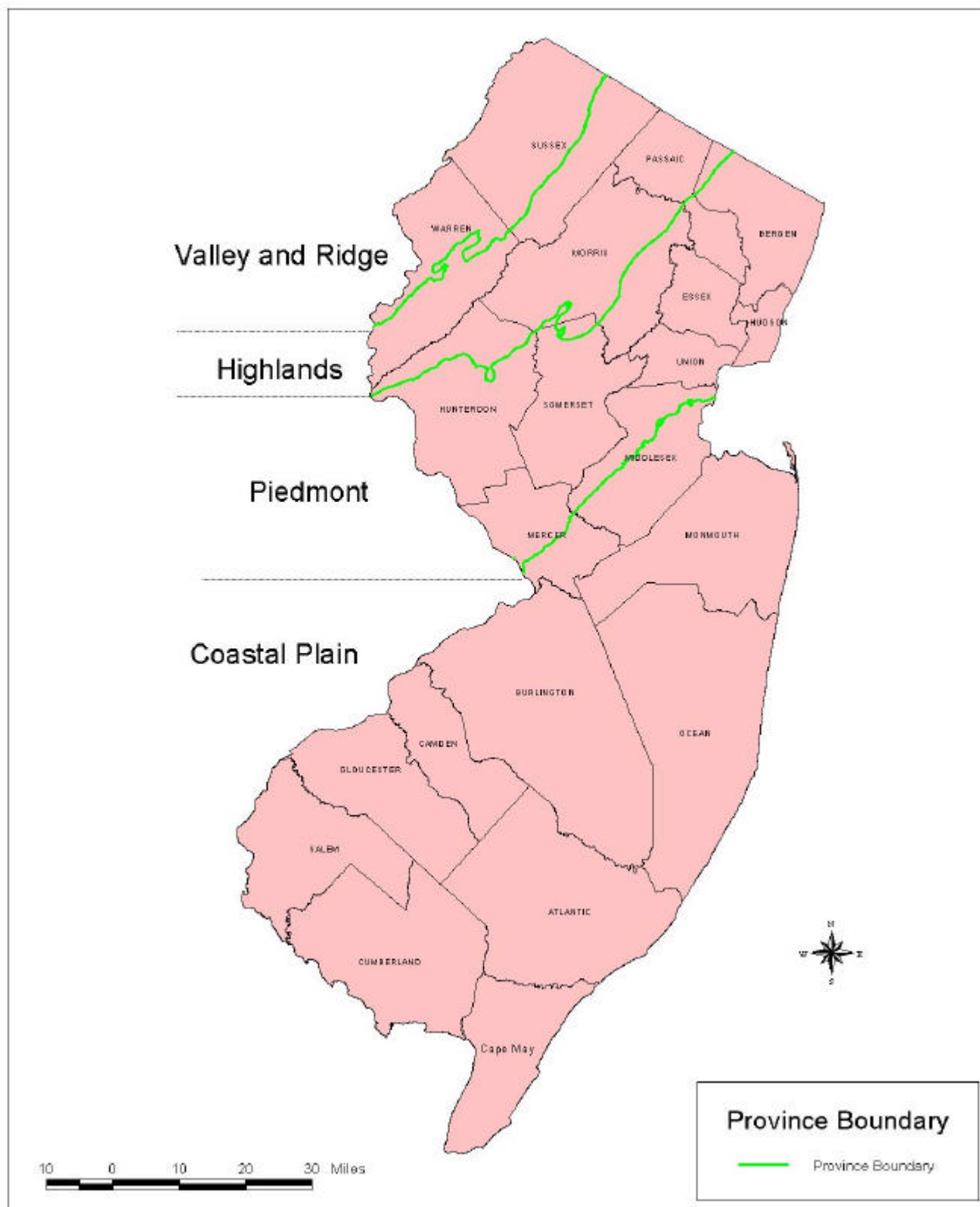




Figure IV-2.4-2 Aquifers of New Jersey

AQUIFERS AND CONFINING UNITS OF NEW JERSEY










Surficial aquifers

-  Glacial sediment thicker than 50 ft in northern New Jersey and other surficial sediments thicker than 50 ft overlying Coastal Plain aquifers and confining units (Sand, gravel, silt and clay)

Bedrock aquifers of the Coastal Plain

-  Holly Beach water-bearing zone (sand, gravel, silt, and clay)
-  Kirkwood-Cohansey aquifer system (sand, gravel, minor silt and clay)
-  Composite confining unit (silt, clay and sand), locally contains aquifers (ccua) where sand is thick
-  Mount Laurel-Wenonah aquifer (glauconitic sand over micaceous sand)
-  Marshalltown-Wenonah confining unit (silt, clay, and thin sand)
-  Englishtown aquifer system (sand with thin silt and clay)
-  Merchantville-Woodbury confining unit (silt, clay, and sand)
-  Potomac-Raritan-Magothy aquifer system (sand, gravel, silt, and clay)

Fractured Bedrock aquifers of the Piedmont, Highlands, and Valley and Ridge

-  Basalt
-  Diabase
-  Brunswick aquifer (shale, siltstone, sandstone, and conglomerate)
-  Lockatong Formation (argillite and conglomerate)
-  Stockton Formation (sandstone and conglomerate)
-  Rocks of the Green Pond Mt. Region, Kittatinny Mt., and Minisink Valley (quartzite, sandstone, conglomerate, shale, limestone, and dolomite)
-  Martinsburg Formation and Jutland Sequence (shale, slate, siltstone, and sandstone)
-  Jacksonburg and Kittatinny Limestone and Hardyston Quartzite
-  Igneous and Metamorphic Rocks (granite, gneiss, and schist)

